



**California State Fire Marshal
National Fire Incident Reporting System**

Data as of: 01/24/2008 3:39:46PM

FDID Range:
0 to No Upper Bound

Incident Date Range:
01/01/2003 to 12/31/2007

Incident Type:
100 to 173

Fires By Equipment Involved In Ignition, 2003-2007

<u>Year vs Equipment Involved</u>	2003	2004	2005	2006	2007	<u>Total</u>
Air compressor	2	8	5	7	6	28
Air conditioner	24	26	41	38	51	180
Amusement ride equipment	0	0	0	0	1	1
Ashtray	0	1	3	4	6	14
Atomizing equipment	1	0	0	0	1	2
Automatic door opener - not garage	0	1	0	1	0	2
Battery	2	11	24	20	22	79
Battery charger, rectifier	3	9	9	9	9	39
Bearing or brake	1	1	6	7	4	19
Blanket - electric	3	4	5	4	2	18
Blender, juicer, food processor, mixer	1	1	1	0	0	3
Boiler (power, process, heating)	3	7	2	9	6	27
Burners	1	7	14	10	6	38
Cable converter box	1	1	0	0	1	3
Camcorder, video camera	0	0	1	0	0	1
Can opener	0	1	0	0	1	2
Car washing equipment	0	1	3	2	0	6
Carpet cleaning equipment, including rug shampooer	0	1	0	2	0	3

	2003	2004	2005	2006	2007	<u>Total</u>
Cash register	1	0	3	0	0	4
Casting, molding, forging equipment	0	0	1	1	0	2
CD player (audio)	1	0	5	0	2	8
Chain saw	0	2	0	0	1	3
Charcoal lighter	1	1	5	1	2	10
Chimney - brick, stone, masonry	1	1	5	4	7	18
Chimney - metal, including stovepipe, flue	7	11	12	6	14	50
Chimney connector, vent connector	0	3	2	4	1	10
Cigarette lighter, pipe lighter	9	16	41	32	36	134
Clock	1	3	1	1	0	6
Clothes dryer	114	195	253	262	234	1,058
Clothes iron	2	5	7	9	5	28
Clothes steamer	0	0	0	1	0	1
Coating machine, including asphalt-saturating	1	0	2	3	1	7
Coffee grinder	1	0	0	2	0	3
Coffee maker or teapot	4	2	4	3	4	17
Comb, hair brush	0	1	0	0	0	1
Combine, threshing machine	2	0	2	0	3	7
Commercial or medical equipment, other	3	2	5	2	7	19
Computer	2	2	7	3	4	18
Computer device, other	2	2	5	3	4	16
Computer monitor	1	1	0	1	0	3
Computer printer	2	1	0	1	1	5
Computer storage device: external	0	0	0	1	0	1
Conveyor	1	0	3	0	1	5

	2003	2004	2005	2006	2007	<u>Total</u>
Copier	0	0	2	1	0	3
Cord, plug, other	2	5	6	8	4	25
Curling iron	2	2	4	5	3	16
Cutting torch	17	21	32	29	32	131
Decorative lights, line voltage	4	5	6	7	2	24
Decorative or landscape lighting, low voltage	1	1	1	3	1	7
Deep fryer	10	16	34	20	16	96
Dehumidifier	0	2	0	0	1	3
Dental equipment, other	0	1	0	0	0	1
Dental, medical, or other powered bed or chair	0	0	0	0	1	1
Dishwasher	10	14	21	20	19	84
Drilling machinery or equipment	0	1	1	1	1	4
Electric meter, meter box	9	6	12	8	8	43
Electrical branch circuit	3	7	22	14	10	56
Electrical distribution, power transfer, other	8	19	38	45	45	155
Electrical power (utility) line	31	49	45	64	70	259
Electrical service supply wires from utility	5	12	13	30	24	84
Electrical wiring, other	49	73	179	139	122	562
Electronic equipment, other	11	20	27	24	46	128
Elevator or conveyor: farm	0	0	1	0	0	1
Elevator or lift	3	3	7	7	3	23
Evaporative cooler, cooling tower.	7	7	13	12	8	47
Extension cord	7	12	22	21	14	76
Extractor, waste recovery machine	1	4	5	4	2	16
Fan	36	62	104	91	85	378

	2003	2004	2005	2006	2007	<u>Total</u>
Fax machine	0	0	0	2	0	2
Feed grinder, mixer, blender	0	0	0	1	2	3
Fireplace, chimney, other	20	20	12	40	39	131
Fireplace, factory built	6	4	6	11	4	31
Fireplace, insert/stove	10	16	20	23	18	87
Fireplace, masonry	10	3	10	16	8	47
Floor buffer, waxer, cleaner	0	0	0	1	0	1
Fluorescent lighting fixture, ballast	9	7	13	14	12	55
Food warmer, hot plate	4	5	6	13	5	33
Freezer when separate from refrigerator	1	0	5	4	1	11
Furnace, central heating unit	15	19	22	17	21	94
Furnace, local heating unit, built-in	29	51	90	54	59	283
Garage door opener	0	1	2	1	2	6
Garbage disposer	2	2	1	0	1	6
Gardening tools or agricultural equipment, other	3	13	6	11	13	46
Gas compressor	1	1	0	0	1	3
Gas regulator	1	0	6	1	2	10
Generator	5	6	20	24	16	71
Grease hood/duct exhaust fan	6	7	12	9	11	45
Grill, hibachi, barbecue	21	41	56	69	56	243
Ground fault interrupter, GFI	0	0	1	2	1	4
Guitar	0	0	1	0	0	1
Gun	1	0	1	0	1	3
Hair curler warmer	0	0	1	0	1	2
Hair dryer	6	4	2	3	1	16

	2003	2004	2005	2006	2007	<u>Total</u>
Halogen lighting fixture or lamp	6	7	12	15	11	51
Hay processing equipment	4	4	2	2	3	15
Heat lamp	4	11	10	19	9	53
Heat pump	1	6	5	8	3	23
Heat tape	1	0	1	2	3	7
Heat treating equipment	3	4	10	7	9	33
Heater, catalytic	0	2	12	8	4	26
Heater, excluding catalytic and oil-filled heaters	35	50	63	65	63	276
Heater, oil filled	3	2	4	4	4	17
Heating pad	2	6	2	3	0	13
Heating, ventilating & air conditioning, other	22	42	74	88	83	309
Hoist, lift	0	0	3	2	1	6
Hot tub, whirlpool, spa	2	7	6	4	7	26
Humidifier	1	0	0	1	0	2
Hydraulic equipment, other	0	2	5	2	4	13
Ice maker (separate from refrigerator)	0	1	4	1	0	6
Incandescent lighting fixture	5	4	12	14	10	45
Incinerator	0	0	1	1	0	2
Industrial furnace, kiln	0	2	4	3	2	11
Internal combustion engine (non-vehicular)	1	1	6	9	7	24
Inverter	0	1	1	0	2	4
Ionizer	0	1	0	2	0	3
Kettle	1	2	1	2	2	8
Kitchen & cooking equipment, other	29	48	79	79	79	314
Knife sharpener	0	0	0	1	0	1

	2003	2004	2005	2006	2007	<u>Total</u>
Laboratory equipment, other	2	1	4	0	3	10
Lamp - tabletop, floor, desk	15	15	27	19	9	85
Lamp, lighting, other	19	32	43	47	32	173
Lantern, flashlight	0	0	1	0	0	1
Lawn mower	11	15	21	17	11	75
Lawn, landscape trimmer, edger	1	4	3	3	0	11
Leaf blower	1	1	2	0	2	6
Light bulb	5	7	9	8	11	40
Makeup mirror - lighted	0	0	2	0	2	4
Medical equipment, other	0	1	0	2	1	4
Medical imaging equipment	1	0	0	0	0	1
Microfilm, microfiche viewing equipment	0	0	1	0	0	1
Microwave oven	16	21	36	46	48	167
Milking machine	0	0	0	1	0	1
Model vehicles.	1	2	2	3	1	9
Motor - separate	2	11	22	15	16	66
Mulcher, grinder, chipper	1	4	5	4	3	17
Musical instrument, other	0	0	0	1	0	1
Nightlight	2	1	0	5	2	10
Non video arcade game	0	0	1	0	0	1
None	5,578	9,180	7,986	7,258	11,811	41,813
Office equipment, other	1	1	3	1	0	6
Other equipment involved in ignition	47	91	122	118	151	529
Outlet, receptacle	14	28	36	42	36	156
Oven, rotisserie	48	77	76	145	147	493

	2003	2004	2005	2006	2007	<u>Total</u>
Overcurrent, disconnect equipment	2	3	3	0	1	9
Oxygen administration equipment	2	1	5	3	2	13
Paint flow coating machine	0	1	0	1	0	2
Paint sprayer	0	2	1	0	3	6
Painting tools, other	1	3	0	1	1	6
Panelboard, switchboard, circuit breaker board	10	9	9	16	9	53
Paper shredder	2	0	2	1	4	9
Personal or household equipment, other	10	7	15	30	30	92
Photo processing equipment	0	0	0	0	2	2
Photographic camera and equipment	0	0	0	1	2	3
Popcorn popper	1	0	0	2	0	3
Portable appliance designed to produce heat, other	1	7	9	14	3	34
Power cord, plug - detachable from appliance	2	3	8	6	11	30
Power cord, plug - permanently attached	2	8	8	8	6	32
Power cutting tool	2	4	6	2	10	24
Power drill, screwdriver	0	1	0	3	4	8
Power hammer, including jackhammers	0	0	0	1	0	1
Power lathe	0	0	1	2	0	3
Power nail gun, stud driver, stapler	0	0	1	0	0	1
Power sander, grinder, buffer, polisher	2	11	14	7	7	41
Power saw	3	5	11	11	11	41
Power shaper, router, jointer, planer	0	0	2	1	1	4
Power tools, other	0	1	7	5	2	15
Power transfer equipment: ropes, cables, blocks	0	0	0	1	2	3
Powered jacking equipment	0	0	0	1	0	1

	2003	2004	2005	2006	2007	<u>Total</u>
Powered valves.	0	1	1	0	0	2
Printing press	1	2	1	2	1	7
Projector: film, slide, overhead	1	0	0	0	0	1
Pump	5	7	12	13	6	43
Radio	5	3	1	3	3	15
Radio, two way	0	1	0	0	0	1
Radiological equipment, X-ray, radiation therapy	0	1	0	0	1	2
Range with or without oven, cooking surface	175	225	291	388	353	1,432
Refrigerator, refrigerator/freezer	13	26	32	33	33	137
Scissors	0	0	0	0	1	1
Sewing machine	0	1	2	1	1	5
Shoe polisher	0	0	0	2	0	2
Shop or industrial equipment, other	10	14	25	16	25	90
Sign	6	11	12	14	8	51
Silo loader, unloader, screw/sweep auger	1	1	0	0	1	3
Slow cooker	2	0	1	1	3	7
Smoke or heat detector, fire alarm	0	2	0	1	0	3
Snow blower, thrower	0	0	0	0	1	1
Sodium, mercury vapor lighting fixtures or lamps;	1	2	2	4	4	13
Soldering equipment	6	23	28	18	17	92
Sound recording or receiving equipment, other	0	0	0	1	0	1
Speakers, audio - separate components	4	1	1	2	1	9
Sprayer: farm or garden	0	0	0	1	1	2
Steam table, warming drawer/table	1	1	1	1	3	7
Steamline, heat pipe, hot air duct	0	0	1	1	1	3

	2003	2004	2005	2006	2007	<u>Total</u>
Stereo equipment	1	3	10	6	4	24
Sterilizer	0	1	0	0	0	1
Sterilizer: medical	1	0	0	1	1	3
Stove, heating	92	92	196	132	79	591
Suntan equipment, sunlamp	0	0	0	0	1	1
Surge protector	5	4	10	10	8	37
Swimming pool equipment	2	8	3	11	7	31
Tarpot, tar kettle	3	5	8	6	3	25
Telephone or answering machine	0	1	2	1	3	7
Telephone switching gear, including PBX	1	0	2	0	1	4
Television	3	13	13	8	18	55
Testing equipment	0	0	0	1	1	2
Thermostat	0	0	0	0	1	1
Tiller, cultivator	1	1	1	4	0	7
Timer	1	1	0	2	0	4
Toaster, toaster oven, counter-top broiler	7	16	17	25	18	83
Toy, powered	0	3	0	0	1	4
Traffic control device	0	1	0	0	1	2
Transformer, distribution type	22	36	25	30	21	134
Transformer, low voltage	5	5	5	9	8	32
Trash compactor	1	2	2	1	0	6
TV monitor array	0	0	1	2	1	4
Undetermined	63	122	194	239	171	789
Uninterrupted power supply (UPS)	0	2	2	4	0	8
Vacuum cleaner	4	3	5	3	8	23

	2003	2004	2005	2006	2007	<u>Total</u>
VCR or VCR/TV combination	0	1	2	2	0	5
Vending machine	5	0	5	3	1	14
Video equipment, other	0	1	1	1	0	3
Video game - electronic	0	0	0	3	1	4
Waffle iron, griddle	1	0	1	0	0	2
Wall switch	1	1	2	5	3	12
Washer/dryer combination (within one frame)	8	13	18	16	16	71
Washing machine - clothes	12	11	13	11	8	55
Water fountain, water cooler	0	0	0	2	1	3
Water heater	60	90	127	118	122	517
Weed burner	0	2	0	1	0	3
Welding torch.	27	46	75	69	56	273
Wet/dry vacuum (shop vacuum)	1	1	2	2	5	11
Wiring from meter box to circuit breaker	2	1	4	6	7	20
Wok, frying pan, skillet	5	6	23	15	10	59
Woodburning kit	0	0	1	0	0	1
Work light, trouble light	3	2	2	3	5	15
<u>Total</u>	7,057	11,447	11,369	10,770	14,993	55,636



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National Fire Incident Reporting System

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FDID Range:
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Incident Date Range:
01/01/2003 to 12/31/2007

Incident Type:
100 to 173

Fires By Equipment Involved In Ignition, 2003-2007

<u>Equipment Involved</u>	<u>Incident Year</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>	
Other equipment involved in ignition		47	\$329,757	\$93,100	0	0	4	0	
Heating, Ventilating & Air Conditioning		387	\$4,477,528	\$1,852,372	3	0	12	2	
Electrical Distribution, Lighting & Power Transfer		265	\$2,596,812	\$1,253,990	3	0	7	1	
Shop Tools & Industrial Equipment		94	\$1,211,100	\$2,002,050	0	0	10	0	
Commercial & Medical Equipment		18	\$21,204	\$48,104	0	0	0	0	
Garden Tools & Agricultural Equipment		25	\$201,200	\$74,190	0	0	0	0	
Kitchen & Cooking Equipment		359	\$2,293,403	\$850,238	4	0	13	4	
Electronic and Other Electrical Equipment		38	\$214,650	\$112,050	1	0	2	1	
Personal & Household Equipment		183	\$1,704,053	\$577,466	4	0	0	0	
None		5,578	\$38,966,596	\$19,428,163	19	0	80	11	
Undetermined		63	\$1,896,890	\$3,942,010	1	0	1	2	
	2003	Subtotal	7,057	\$53,913,193	\$30,233,733	35	0	129	21
Other equipment involved in ignition		91	\$1,898,127	\$958,104	0	0	3	0	
Heating, Ventilating & Air Conditioning		528	\$8,990,354	\$2,343,161	3	0	19	0	
Electrical Distribution, Lighting & Power Transfer		405	\$5,333,248	\$3,500,134	5	0	2	1	
Shop Tools & Industrial Equipment		191	\$3,232,390	\$866,456	3	0	5	0	
Commercial & Medical Equipment		10	\$55,931	\$10,300	0	0	0	0	
Garden Tools & Agricultural Equipment		47	\$504,465	\$111,401	3	0	1	0	
Kitchen & Cooking Equipment		512	\$7,143,779	\$2,217,696	3	0	23	1	
Electronic and Other Electrical Equipment		52	\$643,050	\$253,950	0	0	0	0	
Personal & Household Equipment		309	\$12,571,273	\$26,121,427	1	0	10	1	
None		9,180	\$88,330,335	\$26,458,557	23	0	99	19	
Undetermined		122	\$7,085,486	\$2,588,951	2	0	5	0	

Fires By Equipment Involved In Ignition, 2003-2007

<u>Equipment Involved</u>	<u>Incident Year</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>	
	2004	Subtotal	11,447	\$135,788,438	\$65,430,137	43	0	167	22
Other equipment involved in ignition			122	\$2,920,317	\$1,579,351	2	0	3	0
Heating, Ventilating & Air Conditioning			832	\$15,478,021	\$7,671,298	7	0	29	4
Electrical Distribution, Lighting & Power Transfer			644	\$10,092,129	\$5,344,833	6	0	23	1
Shop Tools & Industrial Equipment			324	\$3,718,500	\$7,964,361	3	0	9	0
Commercial & Medical Equipment			31	\$258,250	\$645,450	1	0	4	1
Garden Tools & Agricultural Equipment			43	\$1,993,160	\$257,003	0	0	0	0
Kitchen & Cooking Equipment			702	\$7,393,811	\$3,285,536	4	0	38	3
Electronic and Other Electrical Equipment			86	\$2,132,525	\$1,146,241	1	0	6	0
Personal & Household Equipment			405	\$4,016,923	\$1,691,555	0	0	11	0
None			7,986	\$113,637,738	\$36,004,838	35	1	152	23
Undetermined			194	\$8,823,350	\$2,891,002	3	0	5	0
	2005	Subtotal	11,369	\$170,464,724	\$68,481,468	62	1	280	32
Other equipment involved in ignition			118	\$2,096,591	\$733,371	1	0	3	2
Heating, Ventilating & Air Conditioning			773	\$21,135,783	\$5,421,621	6	0	37	6
Electrical Distribution, Lighting & Power Transfer			673	\$12,539,843	\$8,226,372	4	0	14	0
Shop Tools & Industrial Equipment			267	\$25,371,292	\$6,942,508	1	0	10	2
Commercial & Medical Equipment			22	\$118,000	\$71,250	0	0	4	0
Garden Tools & Agricultural Equipment			45	\$334,200	\$62,950	1	0	0	0
Kitchen & Cooking Equipment			879	\$11,496,497	\$6,690,595	7	0	36	4
Electronic and Other Electrical Equipment			67	\$1,282,310	\$701,665	1	0	4	0
Personal & Household Equipment			429	\$5,106,303	\$1,965,672	1	0	18	1
None			7,258	\$186,873,844	\$27,449,115	30	1	93	23
Undetermined			239	\$112,960,281	\$13,525,760	3	0	9	1
	2006	Subtotal	10,770	\$379,314,944	\$71,790,879	55	1	228	39
Other equipment involved in ignition			151	\$1,799,777	\$675,377	1	0	6	0
Heating, Ventilating & Air Conditioning			693	\$17,295,704	\$5,462,684	7	0	26	6
Electrical Distribution, Lighting & Power Transfer			565	\$21,624,964	\$18,627,306	1	0	20	2

Fires By Equipment Involved In Ignition, 2003-2007

<u>Equipment Involved</u>	<u>Incident Year</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>	
Shop Tools & Industrial Equipment		251	\$4,232,310	\$1,930,601	1	0	5	0	
Commercial & Medical Equipment		26	\$758,701	\$213,100	0	0	4	0	
Garden Tools & Agricultural Equipment		41	\$1,244,792	\$857,451	0	0	0	0	
Kitchen & Cooking Equipment		810	\$8,753,980	\$7,616,390	5	0	17	4	
Electronic and Other Electrical Equipment		94	\$1,697,660	\$1,195,600	2	0	8	0	
Personal & Household Equipment		380	\$3,884,201	\$1,933,506	1	0	3	0	
None		11,811	\$707,168,784	\$109,891,456	57	0	81	41	
Undetermined		171	\$106,208,098	\$3,384,257	5	0	4	2	
	2007	Subtotal	14,993	\$874,668,971	\$151,787,728	80	0	174	55
		Grand Total	55,636	\$1,614,150,270	\$387,723,945	275	2	978	169

The data contained in this report comes from the State Fire Marshal's California All Incident Reporting System (CAIRS) data warehouse. Property and contents loss figures, if included herein, are estimates only. These emergency incident statistics, including injury and death counts, are based only upon information submitted to the State Fire Marshal by participating California fire departments. Please note that apparent variations in incident counts and associated losses shown in this report may be solely due to fluctuations in the amount of data submitted to the State Fire Marshal. And while the incoming data is validated according to logical data rules, individual data elements are not always verified for accuracy.